



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax (613) 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name		
P0041784	MCM001-VU	9	1	2% 10 Net 30	MT-O1-R0.375	Tool Steel Round Bar 0.375 dia.				6	11/23/2018	6		S131162	Stock	11/24/2018	\$ 2.59 / ft	0		\$15.56	McMaster-Carr Supply Co.		
		13			KUR BW100	Hose				15		15		S131163	Stock	11/24/2018	\$ 1.08 / ft	0		\$16.20	McMaster-Carr Supply Co.		
Total:										21			21									\$31.76	

Plex 11/24/2018 7:19 AM Dart Belanger, Natasha



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041784**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO041784

PO Date: 11/20/18

Due Date: 11/23/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
NOV 21 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		RBE117-30001W3-5	1/pk 3403T331	Strap Assembly	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$83.42/Ea	\$333.68
2		20625A914	1/pk	Dial Indicator Atchmnt Agd-2 Dial	Firmed	-	11/23/18	5 Ea	0 Ea	5 Ea	\$6.63/Ea	\$33.15
3		91259A583	1/pk	Shoulder Screw 5/16" Shoulder Dia, 1" L Shoulder, 1/4"-20 Thread	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$1.17/Ea	\$11.70
4		5416K41	5/pk	SS Hose Clamp 3.5" Dia. receive ea	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$1.536/Ea	\$15.36
5		AGD-2	2092A42 1/pk	1" Dial Indicator 0" to 1" Range	Firmed	-	11/23/18	2 Ea	0 Ea	2 Ea	\$90.45/Ea	\$180.90
6	186437	97787A661		Expandable Pin receive pcs	Firmed	-	11/23/18	20 pcs	0 pcs	20 pcs	\$114.68/pcs	\$2,293.60
Line Item Note as per dwg d4711 rev. d												
7	186441	21135A53		Plug Gauge receive ea	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note gauge pin size: .0540" dia												
8	186442	21135A54		Plug Gauge	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note gauge pin size: .1440"												

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PURCHASE ORDER

PO041784

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9		MT-O1-R0.375	8893K239 6 ft	Tool Steel Round Bar 0.375 dia.	Firmed	-	11/23/18	6 ft	0 ft	6 ft	\$2.593333/ft	\$15.56
							684X NOV 24 2018					
10		MT-O1-B-0.375X0.500	9516K101 6 ft	Tool Steel Bar 0.375" X 0.500"	Firmed	-	11/23/18	6 ft	0 ft	6 ft	\$13.22666/ft	\$79.36
11		91249A146	100/pk	Screw, Stainless Steel	Firmed	-	11/23/18	100 pcs	0 pcs	100 pcs	\$0.0516/pcs	\$5.16
12		91375A673	10/pk	Socket Head Set Screw 7/16-14 X 1.5 receive ea	Firmed	-	11/23/18	20 Ea	0 Ea	20 Ea	\$0.922/Ea	\$18.44
13		KUR BW100	48925K93 15 ft	Hose	Firmed	-	11/23/18	15 ft	0 ft	15 ft	\$1.08/ft	\$16.20
							1584X NOV 24 2018					
Line Item Note 3 pcs of 5 ft												
14		76475A92	3 ft long	Low-Friction Surface-Protection Tape w/Teflon PTFE, Extra-Tough, 2" Wide x 0.022" Thick x 3' Long receive ea	Firmed	-	11/23/18	6 ft	0 ft	6 ft	\$12.973333/ft	\$77.84
15		90293A113	1/pk	Quick Release Pin 1/4" dia., 1-1/2" Length	Firmed	-	11/23/18	13 Ea	0 Ea	13 Ea	\$20.57/Ea	\$267.41
16		91257A662	10/pk	Steel Hex Head Screw 3/8"-24 x 2-3/4" Long	Firmed	-	11/23/18	20 Ea	0 Ea	20 Ea	\$0.83/Ea	\$16.60
17		91735A146	50/pk	SS Pan Head Phillips Screw #6-32 x 3/8" Long	Firmed	-	11/23/18	50 Ea	0 Ea	50 Ea	\$0.1004/Ea	\$5.02
18		92865A221	5/pk	TBD	Firmed	-	11/23/18	5 Ea	0 Ea	5 Ea	\$2.352/Ea	\$11.76

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PURCHASE ORDER PO041784

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
19		94744A240	25/pk	Flat Washer Zinc-Plated Steel Washer 1/4" Screw size 25/pack	Firmed	-	11/23/18	25 Ea	0 Ea	25 Ea	\$0.2596/Ea	\$6.49
20		94748A429	1/pk	SS Knob- Grip Push- Button Quick Release Pin 3/8" Dia. x 2-1/2" Long	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$39.70/Ea	\$158.80
21		94748A439	1/pk	SS Knob- Grip Push- Button Quick Release Pin 1/2" Dia. x 1" Long	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$46.41/Ea	\$185.64

Grand Total: \$4,050.87

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO041784

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4390621-03

Page 1 of 1

11/21/2018

Line	Product	Ordered	Shipped
9	8893K239 Tight-Tolerance Multipurpose O1 Tool Steel Rod, 0.3750" Diameter, 6 Feet Long	1 Each	1 ✓
13	48925K93 Standard-Wall Unthreaded PVC Pipe for Water, 1 Pipe Size, 5 Feet Long	3 Each	3 ✓

Shipped separately from our Chicago warehouse on 11/21

1	3403T331 Nylon Web Sling with Choker Fittings, 2475 lbs. Choker Capacity, 5 Feet Long	4 Each	4
10	9516K101 Tight-Tolerance Multipurpose O1 Tool Steel Bar, 3/8" Thick, 1/2" Wide, 6 Feet Long	1 Each	1
21	94748A439 Knob-Grip Push-Button Quick-Release Pin with Lanyard, 3/8" Diameter, 3-1/2" Usable Length	4 Each	3

Expected to ship

7	21135A53 Class X Plug Gauge, No-Go, 0.054" Size	10 Each	10 Nov 27-Dec 13
8	21135A54 Class X Plug No-Go Gauge, Size= .1440	10 Each	10 Nov 27-Dec 5



Standard-Wall Unthreaded PVC Pipe for Water

1 Pipe Size, 5 Feet Long

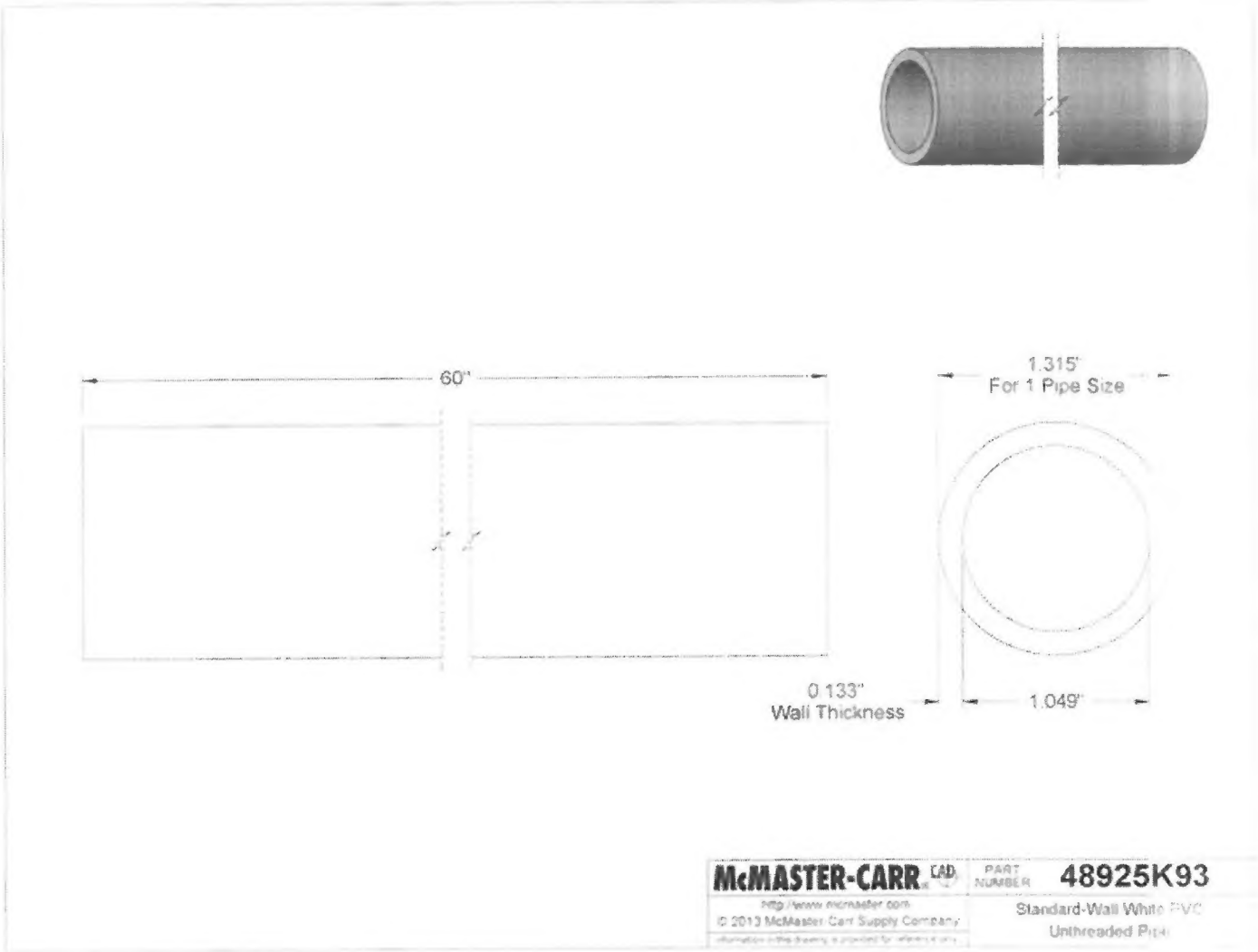
\$5.40 Each

48925K93



For Use With	Drinking Water
Shape	Straight
Type	Pipe
Schedule	40
Threading	Unthreaded
Connection Type	Pipe
Pipe Connection Type	Socket Connect
Socket Connect Type	Cement
Gender	Male
Pipe Size	1
Length	5 ft.
Maximum Pressure	450 psi @ 72° F
Minimum Temperature	Not Rated
Maximum Temperature	140° F
Material	PVC Plastic
Color	White
For Fitting	
Material	PVC Plastic
Schedule	40
Specifications Met	ASTM D1784, ASTM D1785, NSF/ANSI Standard 61 for Drinking Water
RoHS	Compliant

Also known as Schedule 40 pipe, this is commonly used for low-pressure plumbing applications. It is made of PVC, which has good corrosion resistance, strength, and rigidity. Connect to unthreaded fittings using a PVC primer and cement.



The information in this 3-D model is provided for reference only.

McMASTER-CARR

Tight-Tolerance Multipurpose O1 Tool Steel Rod

0.3750" Diameter

8893K239



Material	O1 Tool Steel
Cross Section Shape	Round
Construction	Solid
Appearance	Plain
Diameter	0.375"
Diameter Tolerance	-0.0005" to 0.0005"
Tolerance Rating	Tight
Yield Strength	50,000 psi
Temper Rating	Softened (Annealed)
Hardness	Rockwell B90
Hardness Rating	Medium
Heat Treatable	Yes
Maximum Hardness after Heat Treatment	Rockwell C65
Mechanical Finish	Precision Ground
Temperature Range	Not Rated
Specifications Met	ASTM A681
Straightness Tolerance	Not Rated
Density	0.28 lbs./cu. in.
Coefficient of Thermal Expansion	7.1×10^{-6}
Elongation	25%
Material Composition	
Iron	94.79-96.95%
Carbon	0.85-1.05%
Chromium	0.40-0.70%

Manganese	1.00-1.40%
Nitrogen	0.40-0.60%
Phosphorus	0-0.030%
Silicon	0-0.50%
Sulfur	0-0.030%
Tungsten	0.40-0.60%
Vanadium	0-0.30%

Length	3 ft., 6 ft.
Additional Specifications	Guidelines for Heat Treating Tool Steels
RoHS	Compliant

These precision-ground rods have a tight diameter tolerance. Commonly used for dies, punches, and gauges. O1 tool steel is an oil-hardening material that resists wear and abrasion.

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI O1 TOOL STEEL ROUND BAR
SPECIFICATION: DIN 1.2510 or B.S. BO 1 or
SAE J437 or SAE J438
or UNS T31501 or ASTM A681
PART NUMBER: MT-O1-R [D.DDD]
WHERE "D.DDD" = DIAMETER IN INCHES
EG. 5/8" ROUND BAR = MT-O1-R0.625

REV.	DESCRIPTION	DATE	BY	APPROVED
A	NEW ISSUE	17.08.09	VM	VM

DART AEROSPACE		ISSUING OFFICE, CANADA	
AISI O1 TOOL STEEL ROUND BAR			
DRAWN BY: VM 09/02/2017		CHKD BY: VM 09/02/2017	
CHECKED BY: VM 08/31/2017		APP'D BY: VM 08/31/2017	
MFG. APPR: DP 09/05/2017		1. DIMENSIONS ARE IN INCHES	
APPROVED BY: VM 09/12/2017		2. DIMENSIONS ARE IN MILLIMETERS	
DATE: 08/31/2017		3. DIMENSIONS ARE IN MILLIMETERS	
SCALE: NTS		4. DIMENSIONS ARE IN MILLIMETERS	
WEIGHT: N/A LBS		5. DIMENSIONS ARE IN MILLIMETERS	
SHEET 1 OF 1		6. DIMENSIONS ARE IN MILLIMETERS	
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ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.			

EN-17-1A9

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-01-R0.375

PO / BATCH NO.: P0041784/S13162

DATE: 18/11/26

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 0.375"

QUANTITY RECEIVED: 64

THICKNESS RECEIVED: 0.375"

QUANTITY INSPECTED: 64

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	Y N	
CORRECT MATERIAL PER M-DRAWING	Y N	ASTM A681
CORRECT THICKNESS	Y N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	Y N	44- P0041784
CORRECT MATERIAL IDENTIFICATION	Y N	
CORRECT M# ON THE MATERIAL	Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> DATE: <u>18/11/26</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in